

SCS MOISTURE BARRIER BAG SELECTION GUIDE

PRODUCT DETAILS	Aluminized Moisture Barrier <i>Dri-Shield® 2000 Series</i>	High Puncture Aluminized Moisture Barrier <i>Dri-Shield® 2700 Series</i>	Cleanliness Tested Aluminized Moisture Barrier <i>3370 Series</i>	High Barrier Foil Moisture Barrier <i>Dri-Shield® 3000 Series</i>	High Barrier Foil Moisture Barrier <i>Dri-Shield® 3400 Series</i>	High Puncture, High Barrier Foil Moisture Barrier <i>Dri-Shield® 3700 Series</i>
Surface Resistance: Exterior <small>(per ANSI/ESD STM11.11)</small>	1 x 10 ⁴ to < 1 x 10 ¹¹ ohms	1 x 10 ⁴ to < 1 x 10 ¹¹ ohms	1 x 10 ⁴ to < 1 x 10 ¹¹ ohms	1 x 10 ⁴ to < 1 x 10 ¹¹ ohms	1 x 10 ⁴ to < 1 x 10 ¹¹ ohms	1 x 10 ⁴ to < 1 x 10 ¹¹ ohms
Surface Resistance: Interior <small>(per ANSI/ESD STM11.11)</small>	1 x 10 ⁴ to < 1 x 10 ¹¹ ohms	1 x 10 ⁴ to < 1 x 10 ¹¹ ohms	1 x 10 ⁴ to < 1 x 10 ¹¹ ohms	1 x 10 ⁴ to < 1 x 10 ¹¹ ohms	1 x 10 ⁴ to < 1 x 10 ¹¹ ohms	1 x 10 ⁴ to < 1 x 10 ¹¹ ohms
ANSI/ESD S11.4 Level	Level 3 (except Transparency)	Level 3 (except Transparency)	Level 3 (except Transparency)	Level 1	Level 1	Level 1
Discharge Shielding Energy Test <small>(per ANSI/ESD STM11.31)</small>	<10nJ	<10nJ	<10nJ	<10nJ	<10nJ	<10nJ
Thickness: Typical Value Nominal: ±10% <small>(per MIL-STD-3010C 1003)</small>	0.0036" (0.0914mm)	0.007" (0.1778mm)	0.0036" (0.0914mm)	0.006" (0.1524mm)	0.004" (0.1016mm)	0.0042" (0.1067mm)
Puncture - Average <small>(per MIL-STD 3010C 2065)</small>	20 lbs	30 lbs	20 lbs	16 lbs	20 lbs	25 lbs
Moisture Barrier MVTR <small>(per ASTM F1249 and MIL-STD-3010C Method 3030)</small>	≤0.035 (gms / 100 in ² / 24 hrs, 100°F)	≤0.030 (gms / 100 in ² / 24 hrs, 100°F)	≤0.028 (gms / 100 in ² / 24 hrs, 100°F)	≤0.0003 (gms / 100 in ² / 24 hrs, 100°F)	≤0.0003 (gms / 100 in ² / 24 hrs, 100°F)	≤0.0003 (gms / 100 in ² / 24 hrs, 100°F)
Non-corrosive <small>(per FTMS 101C/4046)</small>	Pass	Pass	Pass	Pass	Pass	Pass
Silicone (ASTM E168)	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected
Outgassing (per DHS)			150 µg/cm ²			
NVR (per Hexane Extract)			7.1 µg/cm ²			
IC (Anions) <small>(per IC of DI Water Extract)</small>			CL .025 µg/cm ² NO3 0.16 µg/cm ² S04 not detected			
HEAT SEALING CONDITIONS:						
(Temperature)	300-400°F	400°F	400°F	400°F	400°F	400°F
(Time- Dwell)	0.6-4.5 sec	0.6-4.5 sec	0.6-4.5 sec	0.6-4.5 sec	0.6-4.5 sec	0.6-4.5 sec
(Pressure)	30-70 psi	30-70 psi	30-70 psi	30-70 psi	30-70 psi	30-70 psi

Standards: Meets the requirements of ANSI/ESD S20.20, Packaging Standard, ANSI/ESD S541, and Static Control Bag ANSI/ESD S11.4 level as noted in table above.

See Static Control Bag Storage at [TB-9011](#).

RoHS 2, REACH, and Conflict Minerals Statement

None of the RoHS 2 restricted materials or REACH substances of very high concern as of 2015/06/15, or Conflict Minerals are intentionally added in manufacturing this product. Ref: European Union Directive 2011/65/EU and Regulation (EC) No. 1907/2006/CE.
See [SCS Warranty, Limitation of Liability and Remedies](#)



Mixed Unsortable Plastic Scrap

Mixed unsortable plastic scrap shall contain assorted plastics of multiple grades that are co-extruded, bonded or laminated together which are unsortable into individual grades.

SCS bags are recyclable



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StaticControl.com

Films are laminated and converted in United States of America

